

Title (en)  
METHOD AND SYSTEM FOR HARVESTING FRUIT OR VEGETABLE

Title (de)  
VERFAHREN UND SYSTEM ZUM ERNTEN VON OBST ODER GEMÜSE

Title (fr)  
PROCÉDÉ ET SYSTÈME DE RÉCOLTE DE FRUITS OU DE LÉGUMES

Publication  
**EP 4151073 A1 20230322 (EN)**

Application  
**EP 21196942 A 20210915**

Priority  
EP 21196942 A 20210915

Abstract (en)  
A method for harvesting fruit or vegetable is disclosed, the method comprising providing a tractor (1); providing a plurality of storage bins (2) in a supply location, the storage bins configured to store fruit or vegetable; deploying the plurality of storage bins (2) in a harvesting area (3) by means of the tractor (1); providing a harvester (5); harvesting fruit or vegetable by the harvester (5) and storing the fruit or vegetable in the plurality of storage bins (2) deployed in the harvesting area (3); relocating filled storage bins filled with fruit or vegetable from the harvesting area (3) to a storage location by the tractor; providing an operation control and management system (6) comprising one or more data processors and a data storage device and configured to receive and process data; receiving storage bin location data indicative of a location of the storage bins from the plurality of storage bins (2); receiving harvesting data indicative of at least one harvesting process parameter in the operation control and management system (6); and providing tractor control data in the operation control and management system (6) in response to the at least one harvesting process parameter. An operation mode of the tractor (1) for at least one of deploying the plurality of storage bins (2) and relocating the filled storage bins is controlled according to the tractor control data. Furthermore, a system for harvesting fruit or vegetable is provided. (Fig. 1)

IPC 8 full level  
**A01D 46/08** (2006.01)

CPC (source: EP)  
**A01D 46/082** (2013.01)

Citation (applicant)  
• WO 2018033922 A1 20180222 - TEVEL ADVANCED TECH LTD [IL]  
• WO 2018033923 A1 20180222 - TEVEL ADVANCED TECH LTD [IL]  
• WO 2018033925 A1 20180222 - TEVEL ADVANCED TECH LTD [IL]  
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• [X] EP 2260692 A1 20101215 - WINDEGGER WALTER & CO KG SAS [IT], et al  
• [A] US 2020333782 A1 20201022 - KENT JAMES [GB], et al  
• [A] CN 111656964 B 20210831  
• [A] WO 2020148758 A1 20200723 - TEVEL AEROBOTICS TECH LTD [IL]

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**EP 4151073 A1 20230322**; WO 2023041309 A1 20230323

DOCDB simple family (application)  
**EP 21196942 A 20210915**; EP 2022073824 W 20220826